

Flow Visualization

August 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
						1	
2	3	4	5	6	7	8	
9	10	11	12	13	14	15	
16	17	18	19	20	21	22	
23	24 ¹ Intro Expectations Syllabus	25	26 ² Initial Assignments	27	28 ³ Overview Survey of techniques A <i>Copyright and Syllabus agreements due</i>	29	Week 1
30	31 ⁴ Overview 2	Notes					Week 2

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September 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
		1	2 5 Cameras Lenses <i>Best of Web due</i>	3	4 6 Image processing Darktable	5	Week 2
6	7 Labor Day No class	8	9 7 Video editing Critique Technique <i>Image-Vid 1 Due 4 pm</i>	10	11 Image-Vid 1 Critique 1 ATTENDANCE REQUIRED as on all critique days	12	Week 3
13	14 Image-Vid 1 Critique 2	15	16 Image-Vid 1 Critique 3 <i>Vote Best of Web</i>	17	18 Image-Vid 1 Critique 4	19 0	Week 4
20	21 Imag-Vid 1 Critique 4	22 0	23 8 IV 1 Critique 5 Video editing	24	25 9 Facilities <i>Image-Vid 2 Image Due</i>	26	Week 5
27	28 Imag-Vid 2 Critique 1 <i>I-V 1 Report due</i>	29	30 Image-Vid 2 Critique 2				Week 6
		Notes					

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October 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
				1	2 Image-Vid 2 Critique 3	3	Week 6
4	5 10 Focus, Aperture shutter speed	6	7 11 Exposure	8	9 12 Clouds A: Atmospheric Stability Skew-T	10	Week 7
11	12 13 Clouds B: Skew-T Cloud types <i>Image-Vid 2 Report due</i>	13	14 Clouds C: Cloud types Weather systems <i>Clouds First Due</i>	15	16 Clouds 1 Critique 1 <i>IV 2 Review due</i>	17	Week 8
18	19 Clouds 1 Critique 2	20	21 Cloud First Critique 3	22	23 Exposure B: Autoexposure, choices Image noise	24	Week 9
25	26 Resolution A: Spatial <i>Clouds First report due</i>	27	28 Resolution B: Time	29	30 Dye Techniques <i>Clouds First Reviews due</i>	31	Week 10
		Notes					

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November 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
1 0	2 Particles A: Particle motion light scattering	3	4 Particles B: Generation of Aerosols	5	6 Particles C Particles for water	7	Week 11
8	9 Refractive Index A: Schlieren and Shadowgraphy	10	11 Veterans Day Refractive index B Schlieren variations <i>IV 3 due</i>	12	13 Image-Vid 3 critique 1	14	Week 12
15	16 Image-Vid 3 Critique 2	17	18 IV 3 Critique 3 <i>Revisions to IV and reports due for IV1-2, Clouds 1</i>	19	20 Light Emitting Fluids	21	Week 13
22	23 Guest Lecture Attendance required <i>Image-Vid 3 Report due</i>	24	25 Aesthetics in FV	26 Thanksgiving	27 Break No class	28	Week 14
29	30 Vorticity Explosions <i>Clouds Second due</i>						Week 15
		Notes					

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December 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
		1	2 Clouds 2 Critique 1	3	4 Clouds 2 Critique 2	5	Week 15
	<i>Clouds Second due</i>				<i>IV3 Review due</i>		
6	7 Last Day of Class Clouds 2 critique 3 <i>Clouds 2 Report due</i>	8	9 Final Presentations 7:30 - 10 pm Online in Zoom <i>Exit surveys due</i> <i>Final revisions</i>	10	11	12	Week 16
13	14	15	16	17	18	19	
20	21 0	22	23	24 0	25 0	26 0	
27	28	29	30	31 New Year's Eve			
		Notes					